

National Aeronautics and  
Space Administration  
Goddard Space Flight Center

# Inside Wallops

Wallops Flight Facility, Wallops Island, Virginia

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## ***Fourth Annual International Luncheon***

*The most difficult decision Wallops employees had to make at the International Luncheon held June 24 was which dishes NOT to try. The covered dishes from many different cultures filled several tables. The luncheon, sponsored by the EO Advisory Committee on Minorities and Persons with Disabilities in recognition of International Day, is a popular yearly event. PAO Digital Photos*



## ***Busy Week for U.S. Space Program***

This week promises to be a busy and memorable one in the history of space exploration, with the landing of NASA's Mars Pathfinder spacecraft on Independence Day and a Space Shuttle launch of the STS-94 microgravity science mission.

NASA will offer near continuous access of these events for the general public.

In addition to standard Space Shuttle-related mission activities, NASA-TV will provide coverage of daily status briefings on Mars Pathfinder and extensive live programming on July 4 through 6 from the Jet Propulsion Laboratory.

Extensive information on Mars Pathfinder, including an electronic copy of the landing press kit, related press releases, fact sheets, status reports and images, is available from

the JPL World Wide Web home page at:

<http://www.jpl.nasa.gov/marsnews>

The Mars Pathfinder project also maintains a home page at:

<http://www.jpl.nasa.gov/mpfmir>

These sites may receive heavy traffic on the days close to landing, but Internet users around the world can follow the mission by way of multiple local mirror sites that are now on-line, with links listed at the Web site above.

The Internet sites feature updates on mission activities and will provide Pathfinder photographs of the Martian surface, once they become available.

Information on STS-94 can be accessed via NASA's Shuttle home page at:

<http://shuttle.nasa.gov>

## ***Mission 2000 Update***

Virginia and Maryland Congressional members have given their approval of the Wallops Mission 2000 Plan.

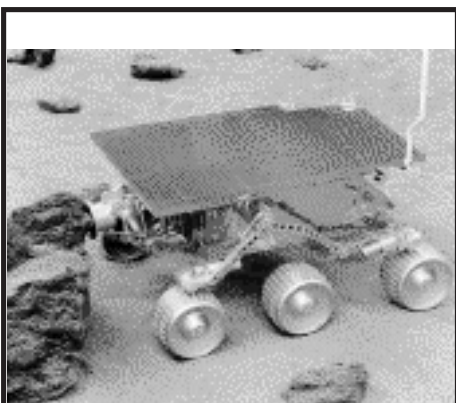
After a briefing on June 19 by NASA Administrator Daniel Goldin and GSFC Director Joseph Rothenberg, Senators Barbara Mikulski, Paul Sarbanes, Chuck Robb and John Warner and Congressmen Herb Bateman and Wayne Gilchrest signed-off on the Plan.

A briefing for employees and distribution of the Plan will take place in July. More on this will follow in the next edition of Inside Wallops.

## ***Manifest on Web***

**The NASA Mixed Fleet, Payload Flight Assignments, June 1997 edition, are available on the Internet at:**

**<http://www.osf.hq.nasa.gov/manifest>**



*The robotic landrover Sojourner, which will be carried to Mars on Pathfinder, undergoes testing on Earth.*

## ***TRMM Launch Date Set***

NASA and the National Space Development Agency of Japan (NASDA) have set October 31 at 3:40 p.m. EST (Nov. 1, 1997, 5:40 a.m., JST) as the official launch date for the Tropical Rainfall Measuring Mission (TRMM).

The first Earth science satellite dedicated to studying the properties of tropical and subtropical rainfall, the TRMM carries microwave and visible/infrared sensors, and the first spaceborne rain radar.

Tropical rainfall comprises more than two thirds of global rainfall and

is the primary distributor of heat through the circulation of the atmosphere. More precise information about this rainfall and its variability is crucial to understanding and predicting global climate change.

Current knowledge of rainfall is limited, especially over the oceans. By flying in a low-altitude orbit of 217 miles, TRMM's complement of state-of-the-art instruments will provide extremely accurate measurements of the distribution and variability of tropical rain and lightning, and the balance of solar radiation absorbed and reflected by Earth's atmosphere.

Volunteers Needed

The NASA Wallops Flight Facility Visitor Center is seeking volunteers for the summer and fall seasons.

Volunteers can participate in various activities including greeting visitors at the front desk, building and launching model rockets and leading tours or educational presentations. Potential volunteers should enjoy working with the public.

For more information, contact DeAnna Shreves at (757) 824-2297.

ATTENTION RETIREES: THE NEXT MEETING OF THE WALLOPS RETIREES AND ALUMNI CLUB WILL BE SEPTEMBER 10. CALL DARLENE FLOYD (757) 336-5662 FOR MORE INFORMATION.

Inside Wallops is now online at: <http://www.wff.nasa.gov/~web/NEWS/>

Students, Teacher Spending Summer at Wallops

Through a variety of educational programs, Wallops will host several high school and undergraduate students and a teacher for several weeks during the summer.

The visitors will work on a variety of research projects serving under volunteer mentors. The student programs

High School Students

Savitri Richardson  
Harvey Davis, Jr.  
Matthias Needham  
Justin Karl  
Michael Cropper

Elizabeth McNamara  
Richard Hooks  
Seth Purcell

Undergraduate Students

Nortoria Turner  
Latoya Thomas

Teacher

Linda Rouse

are designed to provide work experiences related to their possible career fields. The teacher program provides an Accomack County teacher with experiences that can be used in the classroom curriculum.

Following are the interns and their mentors:

Mentor

Debra Parks (Code 833)  
Robert Wessels (Code 833)  
George Brothers (MANTECH)  
Jerry Doyon (CSC)  
Tripp Ransone (Code 823)

Rhonie Chamberlain (CSC)  
Doug Young (Code 831)  
Phil Ward (Code 821)

Mentor

Brooks Shaw (Code 832)  
Sandy Hudson (Code 821)

Mentor

Jim Lanzi (Code 821)

4th of July Picnic



11 a.m. to 5 p.m.

Ballpark picnic area

Music by Margot's New Band (noon to 4 p.m.)

Mr. Bill and Friends appearing throughout the day

Volleyball                      Baseball  
Horseshoes                      Water Slide  
Children's Games                      Hay Ride

Hamburgers                      Hot Dogs  
Corn-on-the-cob                      Beverages  
Will be provided but bring a covered dish.

Donations:                      Adults - \$2  
Children under 12                      - \$1  
Family                      - \$5

To all NASA Employees

NASA's 40th anniversary is little more than a year away and we need your help! We are looking for a slogan to be used in conjunction with activities and programs to commemorate NASA's founding on Oct. 1, 1958. Submit ideas in writing to Steve Garber, NASA Headquarters, Office of Policy and Plans, Code ZH, or by e-mail at: [steve.garber@hq.nasa.gov](mailto:steve.garber@hq.nasa.gov).

The deadline for entries is July 31, 1997. The winner will receive a special illustrated book about space exploration.

Upcoming Courses.....

The following courses will be offered at the Goddard Space Flight Center, Greenbelt, Md. For further information call Sherry Kleckner, x1204.

“Helping Others Succeed” (July 10-11)

Become a more effective coach and leader though valuable self-assessment and employee feedback data. Group Leaders will find this course particularly useful. Center Funded.

“Advanced Technical Presentations” (July 21-22)

If you are a seasoned speaker who makes frequent presentations on important scientific and technical topics, this workshop can advance can help you transition from average to outstanding. Center Funded.

“Designing Information for the Web” (July 22-23)

Responsible for a home page? This workshop will help you create one with style and flair. (Does not cover HTML.)

“LAN Technical Overview” (August 4)

This course is intended for personnel requiring a basic understanding of LANs and WANs. It provides an overview of basic Local Area Network (LAN) components, implementation, and administration. It also shows how LANS fit into a Wide Area Network (WAN) and addresses factors that affect LAN performance.

“Windows NT Security Training” (August 20-22)

Students learn how to: implement and maintain data and systems security for Windows NT environment; comply with C2 security certification; construct Access Control Lists (ACLs) for users and applications; evaluate and select a Windows NT-based firewal for their environment; configure security with Microsoft's Internet Information Server (IIS); and secure Windows NT in intranet and Internet environments. Center Funded.

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